

Antibody suitable for interferon purificn. - comprising N-terminal-peptide(s) of human lymphoblastoid interferon

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Abstract:

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Antibody may be produced by administrating human lymphoblastoid interferon antigen comprising complex comprising at least 1 kind of N-terminal peptide of human lymphoblastoid interferon of formula R-Leu-Ile-Leu-Ala-Gln-OH (I) and its deriv. with carrier to mammals and taking out resultant antibody. (R is H, H-Thr-His-Ser-Leu-Gly -Asn-Arg-Arg-Arg-Ala or H-Ser-Asp-Leu-Pro-Gln-Thr-His -Ser-Leu-Gly-Asn-Arg-Arg-Ala, or H-Tyr-Ser-Asp-Leu-Pro -Gln-Thr-His-Ser-Leu-Gly-Asn -Arg-Arg-Ala). We have researched on new antibody, for provision of technique for isolation and purification of human alpha-type of interferon partic. lymphoblastoid interferon, antigen for prodn. of the antibody, haptene suitable for prodn. of the antigen. Antibody has now been obtd. having specific reactivity useful for purificn. of human lymphoblastoid interferon in convenient operation from synthetic peptide which may be produced easily and on mass scale.

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